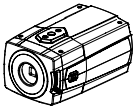
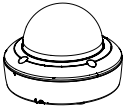
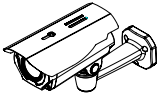
Quick User Guide

Passion and Innovation

Via Don Arrigoni, 5 24020 Rovetta S. Lorenzo (Bergamo)
http://www.comelitgroup.com e-mail : export.department@comelit.it

Image	Model	Description
	IPCAM742A	Full HD Box camera 1/2.7" CMOS, Full HD 1080p, 2DNR, BLC, True D&N, BNC Out, Audio, Alarm, RS485, Micro SD, PoE/DC12V/AC24V, ONVIF, Triple streaming
	IPCAM767A	Full HD dome camera 1/2.8" CMOS, Motorized Lens 3~9mm, Built-in IR LED 24ea, 2DNR, TDN,BLC, Micro SD, BNC(Pin jack style), Audio, Alarm, ONVIF, Triple Streaming, PoE/DC12V/AC24V, IP66 Remote Zoom & Control via Network
	IPCAM752A	Full HD Bullet camera 1/2.8" CMOS, Motorized Lens 3~9mm, Built-in IR LED 32ea, 2DNR, TDN,BLC, Micro SD, BNC(Pin jack style), ONVIF, Triple Streaming, PoE/DC12V, IP66 Remote Zoom & Control via Network

◉ Package Component

1. Camera Unit
2. Quick User Guide
3. Installation CD
4. Accessory Kit
5. Template Sheet
   (Not in IPCAM742A)

◉ Contents in the installation CD

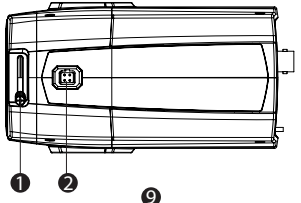
1. The User's Manual
2. The Smart Manager User's Manual
3. The Smart Manager Installation Software
4. The Comelit RAS Solution User's Manual
5. The Comelit RAS Solution Software

Note: Check your package to make sure that you received the complete system, including all components shown above

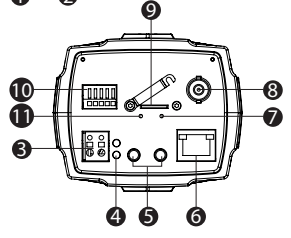
1. INSTALLATION

❶-1. Hardware Overview of IPCAM742A

Front View



Rear View

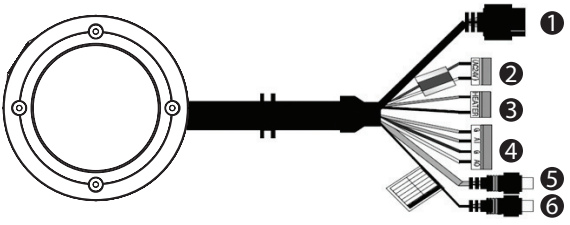


NO	Indication
1	Focus adjusting fixing screw
2	Auto IRIS lens connector
3	Power Terminal
4	LED Indicator
5	Audio In/Out
6	Network Connector (PoE)
7	Video Switch Select Video On/Off.
8	Video Output (BNC)
9	Micro SD Card Slot
10	3pin Terminal IO: Alarm In/Out: 2pin RS485 Terminal
11	Reset Button

[LED Indicator]

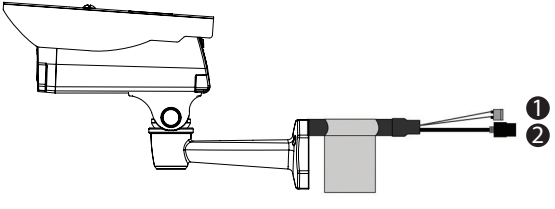
Category	Color	Indication
Network	Green	Steady for connection to a 100 Mbit/s network. Flashes for network activity.
	Amber	Steady for connection to 10 Mbit/s network. Flashes for network activity.
	Unlit	No network connection.
Status	Red	Steady red for failed upgrade or booting.
Power	Green	Steady green for normal operation or booting. Flashes green during firmware upgrade.

❶-2. Hardware Overview of IPCAM767A



NO	Indication
1	Ethernet Cable
2	Power terminal
3	Heater Power Terminal
4	Alarm Terminal
	Pink: GND/Gray: Alarm Input
	Brown: GND/Yellow: Alarm Output
	Video Switch Select Video On/ Off.
5	Audio Output RCA Gray
6	Audio Input RCA Black

❶-3. Hardware Overview of IPCAM752A



NO	Indication
1	Main Power, 2pin terminal, DC12V 2A(24W) with Heater, or DV12V 320mA(3.8W) without Heater RED : DC12V/White : GND
2	Ethernet Cable

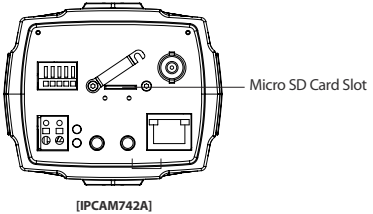
❷ Connection

- **Connecting to the Network**

  Connect a standard RJ-45 cable to the network port of the Camera. Generally a cross-over cable is used for directly connection to PC, while a direct cable is used for connection to a hub/switch

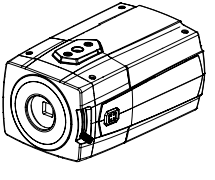
- **Micro SD memory slot**

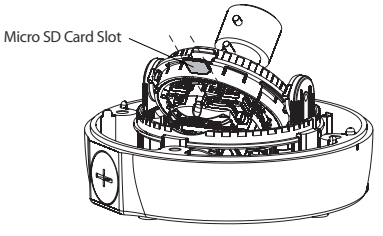
  Insert the Micro SD memory card up to 32GB.



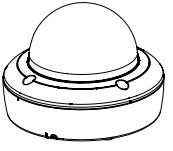
[IPCAM742A]

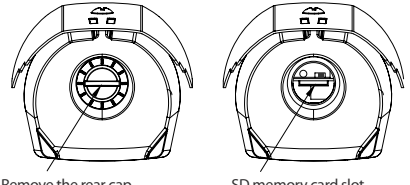
IPCAM742A



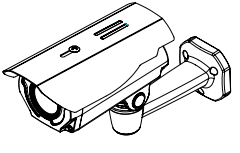


IPCAM767A





IPCAM752A

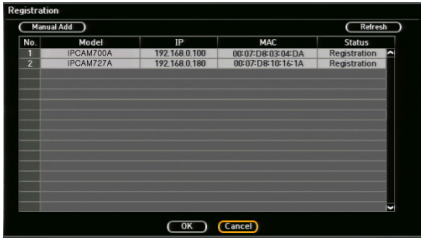


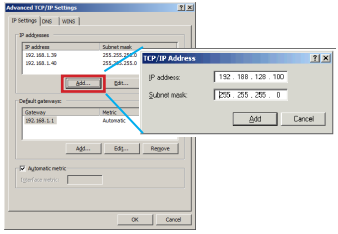
- **Connecting the Power**

  Please refer to 1. Hardware Overview" part in this manual.

❸ Network Connection (Zero Configuration Networking)

IP cameras, NVR, and COMELIT RAS Solution support ZERO configuration. Installation is simple and convenient. No need any network setting. If there is no DHCP to assign the IP address, it will search the computer IP address or NVR which is running in the LAN. And then it will set the IP address automatically.



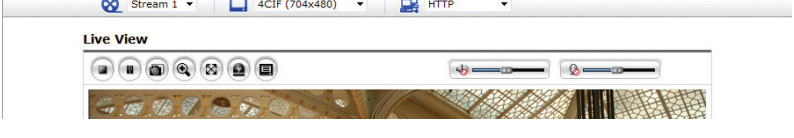


NVR (IPNVR704A, IPNVR708A, IPNVR746A)

In the IP Camera Registration menu, a list of IP cameras will appear automatically without IP address setting.

COMELIT RAS Solution

Add IP address for ZERO Configuration network at Advanced TCP/IP Setting on your Computer.
IP address: 169.254.xx.x
Subnet mask: 255.255.0.0



Once it is configured, IP cameras in the LAN will be searched automatically by Smart Manager without IP address setting.

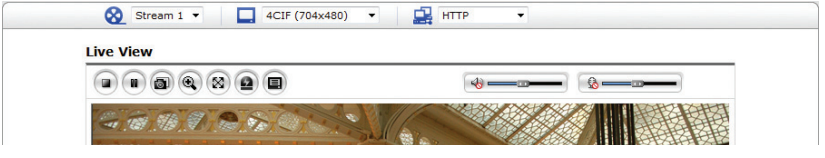
④ Network Connection (IP assignment)

When a camera is connected without Zero configuration function to the network it has no IP address. So, it is necessary to allocate an IP address to the device with the "Smart Manager" utility on the CD. (Default IP 192.168.30.220)

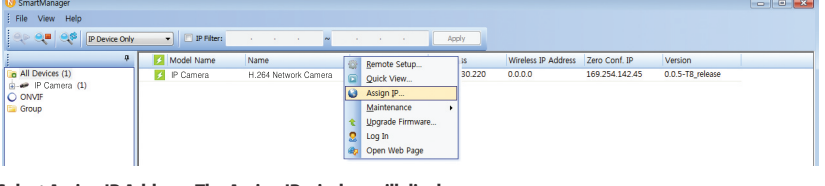
1. Connect the camera to the network and power up.

2. Start SmartManager utility

(Start>All programs>SmartManager>SmartManager), the main window will be displayed, after a short while any network devices connected to the network will be displayed in the list.



3. Select the camera on the list and click right button of the mouse.
You can see the pop-up menu below.



4. Select Assign IP Address. The Assign IP window will display.
Enter the required IP address.

Note: For more information, refer to the SmartManager User's Manual.

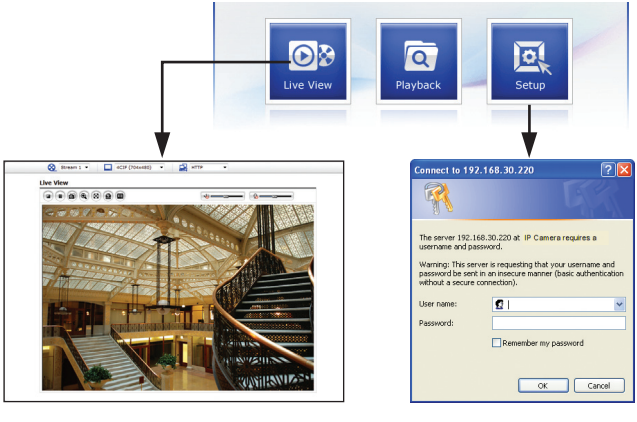
2. OPERATION

The network camera can be used with Windows® operating system and browsers.
The recommended browsers are Internet Explorer®, Safari®, Firefox®, Opera™ and Google® Chrome® with Windows.

Note: To view streaming video in Microsoft Internet Explorer, set your browser to allow ActiveX controls.

❶ How to Access from a browser

1. Start a browser.
2. Enter the IP address or host name of the network camera in the Location/Address field of your browser.
3. You can see a starting page. Click Live View or Playback or Setup to enter web page.

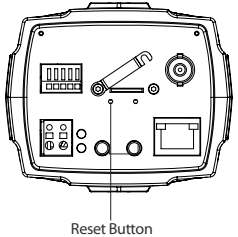

Live View
Playback
Setup
Live View
Connect to 192.168.30.220
The server 192.168.30.220 at IP Camera requires a username and password.
Warning: This server is requesting that your username and password be sent in an insecure manner (basic authentication without a secure connection).
User name:
Password:
Remember my password
OK
Cancel

The network camera can be used with Windows® operating system and browsers.
The recommended browsers are Internet Explorer®, Safari®, Firefox®, Opera™ and Google® Chrome® with Windows.

❷ Resetting to the factory default settings

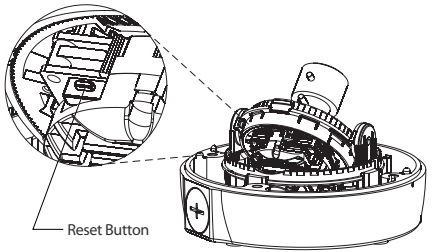
To reset the Network Camera to the original factory settings, go to the Setup>System> Maintenance web page (described in User's Manual, "System > Maintenance") or use the Reset button on the network camera, as described below

[IPCAM742A]



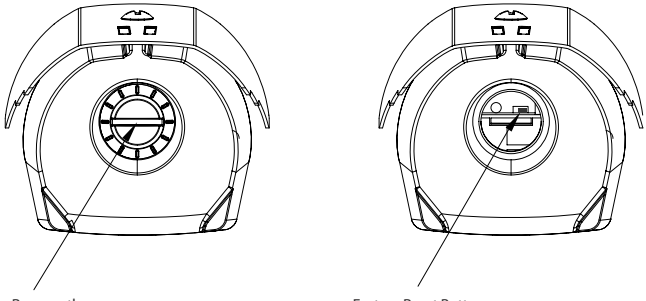
1. Switch off the Network Camera by disconnecting the power adapter.
2. Press and hold the Reset button with a straightened paperclip while reconnecting the power.
3. Keep the reset button pressed until the Status and Power indicator blink.
4. Release the Reset button.
5. When the Power Indicator changes to Green (may take up to 1 minute), the process is complete and the network video transmitter has been reset

[IPCAM767A]



1. Switch off the Network Camera by disconnecting the power adapter.
2. Open the top cover of camera.
3. Press and hold the Reset button on the board with your finger while reconnecting the power.
4. Keep the Reset button pressed during about 2 seconds or more than.
5. Release the Reset button.
6. The network camera resets to factory defaults and restarts after completing the factory reset.

[IPCAM767A]



1. Switch off the Network Camera by disconnecting the power adapter.
2. Remove the rear cap of the camera.
3. Press and hold the Reset button with a straightened paperclip while reconnecting the power.
   Keep the Reset button pressed during about 2 seconds.
4. Release the Reset button.
5. The network camera resets to factory defaults and restarts after completing the factory reset.
   The unit now has the default IP address 192.168.30.220.
6. Close the rear cap of the camera.

❸ More information

For more information, please see the Network Camera User's Manual, which is available on the CD included in this package.

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